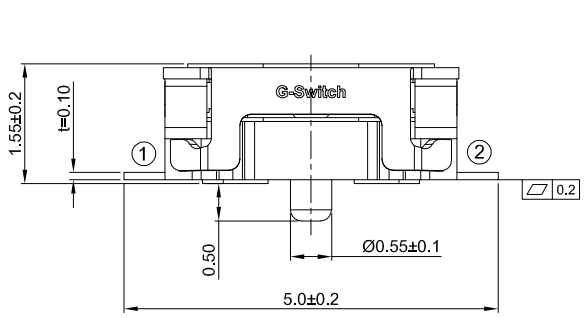


# GT-TC043X-HXXX-LX A

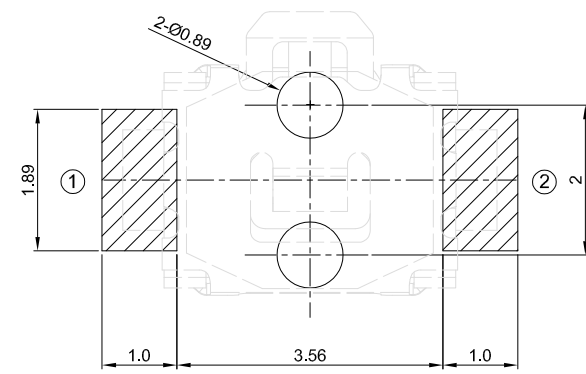
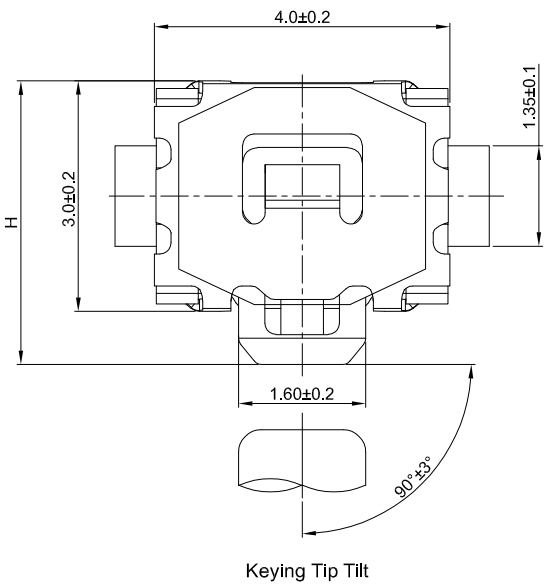
G-Switch

**Operating Force**  
A=160gf  
B=220gf  
C=250gf

**Detail**  
A=Base With Pilot  
N=Non Pilot

**Switch Height (mm)**  
H036=3.60

**Switch Lifetime (Force)**  
L1=100,000 Cycles

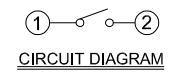


**RECOMMENDED PCB LAYOUT**  
TOLERANCE:±0.05

## G-Switch Specification:

- 1.Operating temperature range: -40°C ~ +85°C
- 2.Rating: 50mA.12V DC
- 3.Insulation resistance: 100MΩ min.100V DC
- 4.Dielectric strength: 250V AC for 1 min
- 5.Contact resistance: 100mΩ max
- 6.Travel: 0.20±0.1mm

|     |           |                          |                      |
|-----|-----------|--------------------------|----------------------|
| 5   | STEM      | HIGH TEMPERATURE PLASTIC | BLACK                |
| 4   | TAPE      | POLYIMIDE                | YELLOW (TRANSPARENT) |
| 3   | CONTACT   | STAINLESS STEEL          | Ag PLATING           |
| 2   | TERMINAL  | COPPER ALLOY             | Ag PLATING           |
| 1   | BASE      | HIGH TEMPERATURE PLASTIC | BLACK                |
| NO. | PART NAME | MATERIAL                 | REMARK               |



|                                                                                      |          |                                                           |         |          |            |
|--------------------------------------------------------------------------------------|----------|-----------------------------------------------------------|---------|----------|------------|
| SCALE: 1:1                                                                           | UNIT: mm | Title: Horizontal Tact Switch<br>Flat CH=1.10 4.0×3.0×Hmm |         |          |            |
| SIZE: A4                                                                             |          | Molde Code: GT-TC043X-HXXX-LXA                            |         |          |            |
| Unless otherwise General Tolerance:<br>X. ±0.40<br>X.x ±0.30<br>X.xx ±0.20<br>X* ±3° |          | DRAWN                                                     | CHECKED | APPROVED | DATE       |
|                                                                                      |          | Jiang                                                     | Xia     | Chen     | 2025.02.07 |



|         |            |
|---------|------------|
| REV: A0 | SHEET: 1/1 |
|---------|------------|